



UNITED STATES PATENT AND TRADEMARK OFFICE

8017-478

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 06, 2005

PTAS

WOODARD EMHARDT MORIARTY MCNETT & HENRY  
JAMES B. MYERS  
BANK ONE CENTER/TOWER  
111 MONUMENT CIRCLE, SUITE 3700  
INDIANAPOLIS, IN 46204-5137

\*102857505A\*

RECEIVED

APR 13 2005

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Woodard, Emhardt, Moriarty  
McNett & Henry LLP

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/30/2004

REEL/FRAME: 015868/0593

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

HERMAN, PETER K.

DOC DATE: 09/20/2004

ASSIGNEE:

MARTIN, HAROLD

DOC DATE: 09/20/2004

ASSIGNEE:

BAGCI, ISMAIL

DOC DATE: 09/20/2004

ASSIGNEE:

TRUE-DAHL, ABBY

DOC DATE: 09/20/2004

ASSIGNEE:

TOWNSLEY, SCOTT

DOC DATE: 09/28/2004

ASSIGNEE:

JIANG, ZEMIN

DOC DATE: 09/20/2004

ASSIGNEE:

FLEETGUARD, INC.  
2931 ELM HILL PIKE  
NASHVILLE, TENNESSEE 37214

SERIAL NUMBER: 10956408

FILING DATE: 09/30/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: LIQUID ADDITIVE SLOW-RELEASE APPARATUS DRIVEN BY A FILTER PRESSURE GRADIENT

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

9-30-04

10-13-2004

Doc #306344  
 Form PTO-1595 (Rev. 06/04)  
 OMB No. 0651-0027 (exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office

102857505  
 PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/execution date(s):**

Peter K. Herman	September 20, 2004
Harold Martin	September 20, 2004
Ismail Bagci	September 20, 2004
Abby True-Dahl	September 20, 2004
Scott Towsley	September 28, 2004
Zemin Jiang	September 20, 2004

Execution Date(s) see above

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance:**

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Government Interest Assignment	
<input type="checkbox"/> Executive Order 9424, Confirmatory License	
<input type="checkbox"/> Other _____	

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

10956408

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: James B. Myers

Internal Address: Woodard, Emhardt, Moriarty,  
McNett & Henry, LLP

Street Address: Bank One Center/Tower  
111 Monument Circle, Suite 3700

City: Indianapolis

State: Indiana Zip: 46204-5137

Phone Number: (317) 634-3456

Fax Number: (317) 637-7561

Email Address: \_\_\_\_\_

**9. Signature:**

Signature

James B. Myers

September 30, 2004

Date

James B. Myers  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Document to be recorded (including cover sheet) should be faxed to (703) 306-5995 or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

10/06/2004 SSITHIB1 00000014 10956408  
 04 FC:8021

40.00 pp

## ASSIGNMENT

WHEREAS, **Peter K. Herman** of 459 Windrow Drive, Cookeville, Tennessee 38506, **Harold Martin** of 2392 Lakeland Drive, Cookeville, Tennessee 38506, **Ismail C. Bagci** of 3012 Old Walton Road, Cookeville, Tennessee 38506, **Abby True-Dahl** of P.O. Box 806, Sparta, Tennessee 38583, **Scott Towsley** of 16342 E. Lakeshore Drive, Hope, Indiana 47246, and **Zemin Jiang** of 3567 Tolbert Drive, Cookeville, Tennessee 38506, hereinafter referred to as Assignor, has made a new and useful invention in **LIQUID ADDITIVE SLOW-RELEASE APPARATUS DRIVEN BY A FILTER PRESSURE GRADIENT** for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, **Fleetguard, Inc.**, hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 2931 Elm Hill Pike, Nashville, Tennessee 37214, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed, or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

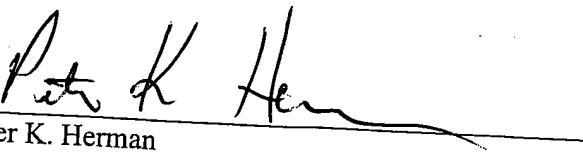
NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged; Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this \_\_\_\_\_ day of

\_\_\_\_\_, 2004, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof..

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Moriarty, McNett & Henry LLP of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137 to insert here in parentheses (Serial No. 10/956 408 Filed September 30, 2004) the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

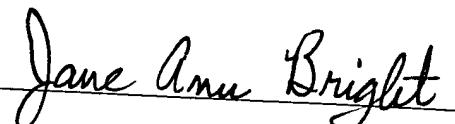
WITNESS Assignor's hand this 20 day of September, 2004.

  
Peter K. Herman

STATE OF TENNESSEE )  
COUNTY OF PUTNAM ) : ss  
)

Before me, a Notary Public, in and for said County and State, personally appeared Peter K. Herman, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 20th day of September, 2004.

  
Jane Ann Bright  
Notary Public

Printed: Jane Ann Bright

Resident of Putnam County

My Commission Expires:

3/21/06

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

Assignment  
#302391

WITNESS Assignor's hand this 20<sup>TH</sup> day of SEPTEMBER, 2004.

  
Harold Martin

STATE OF TENNESSEE )  
COUNTY OF PUTNAM ) : ss

Before me, a Notary Public, in and for said County and State, personally appeared Harold Martin, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 20<sup>th</sup> day of September, 2004.

Jane Ann Bright  
Notary Public

Printed: Jane Ann Bright

Resident of Putnam County

### My Commission Expires:

3/21/06

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

WITNESS Assignor's hand this 20 day of September, 2004.



Ismail Bagci

STATE OF TENNESSEE )  
COUNTY OF PUTNAM ) : ss  
                      )

Before me, a Notary Public, in and for said County and State, personally appeared Ismail Bagci, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 20th day of September, 2004.



Jane Ann Bright  
Notary Public

Printed: Jane Ann Bright

Resident of Putnam County

My Commission Expires:

3/21/06

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

Assignment  
#302391

WITNESS Assignor's hand this 20 day of SEPTEMBER, 2004.

S. J. Dahl  
Abby True-Dahl

STATE OF TENNESSEE )  
COUNTY OF PUTNAM ) : ss  
)

Before me, a Notary Public, in and for said County and State, personally appeared Abby True-Dahl, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 20th day of September, 2004.

Jane Ann Bright  
Notary Public

Printed: Jane Ann Bright

Resident of Putnam County

My Commission Expires:

3/21/06

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

Assignment  
#302391

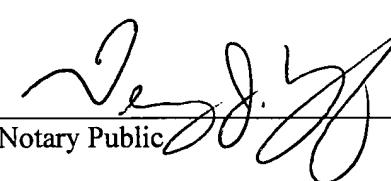
WITNESS Assignor's hand this 28 day of September, 2004.

  
\_\_\_\_\_  
Scott Towsley

INDIANA  
STATE OF TENNESSEE )  
BARTHOLOMEW ) : ss  
COUNTY OF PUTNAM )

Before me, a Notary Public, in and for said County and State, personally appeared Scott Towsley, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 28<sup>th</sup> day of September, 2004.

  
\_\_\_\_\_  
Notary Public

Printed: TERRY J. NEFF

Resident of JACKSON County

My Commission Expires:

April 18, 2012

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

WITNESS Assignor's hand this 20 day of September, 2004.

Zemin Jiang  
Zemin Jiang

STATE OF TENNESSEE              )  
                                      ) : ss  
COUNTY OF PUTNAM              )

Before me, a Notary Public, in and for said County and State, personally appeared Zemin Jiang, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 20th day of September, 2004.

Jane Ann Bright  
Notary Public

Printed: Jane Ann Bright

Resident of Putnam County

My Commission Expires:

3/21/06

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2004.



8017-433

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 05, 2004

PTAS



\*102664001A\*

WOODARD, EMHARDT, MORIARTY, ET AL  
JAMES B. MYERS, JR.  
111 MONUMENT CIRCLE  
SUITE 3700  
INDIANAPOLIS, IN 46204

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Woodard, Emhardt, Moriarty  
McNell & Henry LLP

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ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/29/2004

REEL/FRAME: 014946/0700

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
HERMAN, PETER K.

DOC DATE: 01/29/2004

ASSIGNEE:  
MARTIN, HAROLD R.

DOC DATE: 01/29/2004

ASSIGNEE:  
BAGGI, ISMAIL C.

DOC DATE: 01/29/2004

ASSIGNEE:  
FLEETGUARD, INC.  
2931 ELM HILL PIKE  
NASHVILLE, TENNESSEE 37214

014946/0700 PAGE 2

SERIAL NUMBER: 10767513

FILING DATE: 01/29/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: LIQUID ADDITIVE SLOW-RELEASE APPARATUS DRIVEN BY A FILTER PRESSURE GRADIENT

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02-06-2004

008017-000433.JBM.262646

U.S. PTO  
10/767513  
17202

012904

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
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RECC



102664001

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Peter K. Herman

Harold R. Martin

Ismail C. Bagci

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

Assignment  
 Security Agreement  
 Other

Merger  
 Change of Name of

Execution Date: January 29, 2004

## 4. Application number(s) or registration number(s):

If this document is being filed together with a new application, the execution date of the application is: January 29, 2004

A. Patent Application No.(s)

10767513

B. Patent No.(s)

Additional number(s) attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name James B. Myers, Jr.

Internal Address Woodard, Emhardt, Moriarty, McNett,  
& Henry LLP

Street Address 111 Monument Circle

Suite 3700

City Indianapolis State IN ZIP 46204

6. Total number of applications and patents involved:  1

7. Total fee (37 CFR 3.41) \$ 40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number:

23-3030

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James B. Myers, Jr.

Name of Person Signing

January 29, 2004

Date

Total number of pages including cover sheet, attachments, and document:  5

Express Mail Label No.	EV 394105460 US	Date of Deposit	January 29, 2004
------------------------	-----------------	-----------------	------------------

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR Section 1.10 on the date indicated above and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Signature of person mailing paper or fee

02/05/2004 LMUELLER 00000019 233030 10767513

01 FC:8021

40.00 DA

## ASSIGNMENT

WHEREAS, Peter K. Herman, Harold R. Martin and Ismail C. Bagci of 459 Windrow Drive, Cookeville, Tennessee 38506, 2392 Lakeland Drive, Cookeville, Tennessee 38506, and 3012 Old Walton Road, Cookeville, Tennessee 38506, respectively, hereinafter referred to as Assignor, has made a new and useful invention in LIQUID ADDITIVE SLOW-RELEASE APPARATUS DRIVEN BY A FILTER PRESSURE GRADIENT for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, Fleetguard, Inc., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 2931 Elm Hill Pike, Nashville, Tennessee 37214, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed, or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this \_\_\_\_\_ day of \_\_\_\_\_, 2004, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof..

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Moriarty, McNett & Henry LLP of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137 to insert here in parentheses (Serial No. \_\_\_\_\_ Filed January 29, 2004) the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 29 day of January, 2004.

Peter K. Herman  
Peter K. Herman

STATE OF TENNESSEE                          )  
  )  
COUNTY OF PUTNAM                            )

Before me, a Notary Public, in and for said County and State, personally appeared Peter K. Herman, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 29 day of January, 2004.

Jane Ann Bright  
Notary Public

Printed: Jane Ann Bright  
Resident of Putnam County

My Commission Expires:

3/21/06

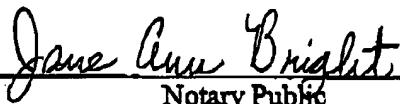
WITNESS Assignor's hand this 29 day of JANUARY, 2004.

  
\_\_\_\_\_  
Harold R. Martin

STATE OF TENNESSEE                          )  
  )  
COUNTY OF PUTNAM                            )

Before me, a Notary Public, in and for said County and State, personally appeared Harold R. Martin, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 29 day of January, 2004.

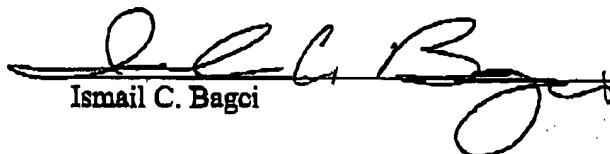
  
\_\_\_\_\_  
Jane Ann Bright  
Notary Public

Printed: Jane Ann Bright  
Resident of Putnam County

My Commission Expires:

3/21/06

WITNESS Assignor's hand this 29 day of January, 2004.

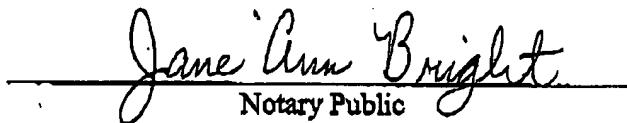


Ismail C. Bagci

STATE OF TENNESSEE )  
COUNTY OF PUTNAM ) : ss  
                      )

Before me, a Notary Public, in and for said County and State, personally appeared Ismail C. Bagci, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 29 day of January, 2004.



Jane Ann Bright  
Notary Public

Printed: Jane Ann Bright  
Resident of Putnam County

My Commission Expires:

3/21/06